Claims

1.   A method for identifying a status corresponding to interactions between a remote application and a data source, the method comprising:

providing at least one interface module configured to interface with a remote application;

providing at least one port module configured to interface between the interface module and the data source; and

providing a connection manager to facilitate the interface between the interface module and the port module.

2.   The method of claim 1, further comprising selectively establishing a set of parameters to reflect a status of a connection between the remote application and the data source.

3.   The method of claim 2, where in the parameters are user-selectable.

4.   The method of claim 1, further comprising connecting directly the interface module and the port module for communicating independently from the connection manager in subsequent communications.

5.   The method of claim 1, wherein at least one of the parameters is selected from the group consisting of a present SQL request, a warning message, an error message, a date, a time, a previous SQL request, a feature database schema, and a number of records.

6. The method of claim 1, wherein the number of parameters is limited by a user in order to reduce processing time of a request to the data source.

7. The method of claim 1, wherein the types and number of parameters are expanded to reflect a detailed history of interactions between the remote application and the data source.

8. The method of claim 1, further comprising hosting the interface module on a first computer distinct from a second computer hosting the data source.

9. The method of claim 1, further comprising hosting the interface module on a computer hosting the data source.

10. The method of claim 1, wherein the arbitrary set of parameters further comprises a log file containing data reflecting condition selected by a user.

11. The method of claim 10, wherein the data further reflects at least one of a present SQL request, a warning message, an error message, a date, a time, a previous SQL request, a feature database schema, and a number of records.

12. The method of claim 11, wherein the arbitrary set of parameters is arranged in a hierarchical relation.

13. The method of claim 12, wherein at least one parameter of the arbitrary set of parameters corresponds to an output device selected by a user.

14. A computer readable medium having stored thereon computer executable instructions for performing a method for connecting a plurality of remote applications with a data source, the method comprising:

providing at least one interface module configured to interface with a remote application;

providing at least one port module to interface between the interface module and the data source;

providing a connection manager to facilitate the interface between the interface module and the port module; and

selectively establishing an arbitrary set of user-selectable parameters to reflect a status of a connection between the remote application and the data source.

15. The computer readable medium of claim 14, wherein the method further comprises connecting directly the interface module and the port module for communicating independently from the connection manager in subsequent communications.

16. The computer readable medium of claim 14, wherein at least one of the parameters is selected from the group consisting of a present SQL request, a warning message, an error message, a date, a time, a previous SQL request, a feature database schema, and a number of records.

17. The computer readable medium of claim 14, wherein the number of parameters is limited by a user in order to reduce processing time of a request to the data source.

18. The computer readable medium of claim 14, wherein the types and number of parameters are expanded to reflect a detailed history of interactions between the remote application and the data source.

19. The computer readable medium of claim 14, further comprising hosting the interface module on a first computer distinct from a second computer hosting the data source.

20. The computer readable medium of claim 14, further comprising hosting the interface module on a computer hosting the data source.

21. The computer readable medium of claim 14, wherein the arbitrary set of parameters further comprises a log file containing data reflecting condition selected by a user.

22. The computer readable medium of claim 21, wherein the data further reflects at least one of a present SQL request, a warning message, an error message, a date, a time, a previous SQL request, a feature database schema, and a number of records.

23. The computer readable medium of claim 22, wherein the arbitrary set of parameters is arranged in a hierarchical relation.

5   24.   The computer readable medium of claim 23, wherein at least one parameter of

the arbitrary set of parameters corresponds to an output device selected by a user.

25.   A system for connecting a plurality of remote applications with a data source, the system comprising:

an interface module configured to interface with a remote application;

a port module configured to interface between the interface module and the data source;

a connection manager module configured to facilitate a link between the interface module and the port module; and

a log file comprising parameters arbitrarily selectable by a user to reflect a status of a connection between the remote application and the data source desired to be monitored by a user.

26.   The system of claim 25, wherein the connection module is further configured to form a direct interface between the interface module and the port module.

27.   The system of claim 25, wherein one of the port module and the interface module is further configured to directly connect the interface module and the port module for communicating independently from the connection manager in subsequent communications.

28.   The system of claim 25, wherein at least one of port module and the interface module is configured to provide from a user the parameters, selected from the group consisting of a present SQL request, a warning message, an error message, a date, a time, a previous SQL request, a feature database schema, and a number of records.

29. The system of claim 28, wherein the number of parameters is limited by a user in order to reduce processing time of a request to the data source.

30. The system of claim 28, wherein the types and number of parameters are expanded to reflect a detailed history of interactions between the remote application and the data source.

31. The system of claim 25, wherein the interface module is configured to run on a first computer distinct from a second computer hosting the data source.

32. The system of claim 25, wherein the interface module is configured to run on a computer hosting the data source.

33. The system of claim 25, wherein the log is configured to support an arbitrary set of parameters containing data reflecting conditions selected by a user.

34. The system of claim 33, wherein the data further reflect at least one of a present SQL request, a warning message, an error message, a date, a time, a previous SQL request, a feature database schema, and a number of records.

35. The system of claim 34, wherein the arbitrary set of parameters is arranged in a hierarchical relation.

36. The system of claim 35, wherein at least one parameter of the arbitrary set of parameters corresponds to an output device selected by a user.

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